



PATENT
Attorney Docket No. SYP-116

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): **Fuchs et al.**

SERIAL NO.: **08/726,093**

GROUP NO.: **1634**

FILING DATE: **Oct. 4, 1996**

EXAMINER: **Marschel, A**

TITLE: **Methods and Kits for Hybridization Analysis Using Peptide Nucleic Acid Probes**

Box AF
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

EXPEDITED PROCEDURE
AMENDMENT UNDER 37 CFR
1.116

AMENDMENT AND REPLY

In response to a Final Office Action mailed from the Patent and Trademark Office on October 1, 1998, in the above-referenced application, kindly amend the claims as follows.

In the Claims:

Cancel without prejudice claims 52 and 63.

Amend claims 32, 45, 46, and 58 as follows:

32. (Amended) A method for detecting a selected target sequence in a polynucleotide, said method comprising the steps of:

- a) providing a sample comprising at least one strand of nucleic acid and its complementary strand capable of forming double stranded sections of greater than 50 nucleotide subunits, wherein one of said at least one strand of said nucleic acid and its complementary strand is suspected to include said selected target sequence;
- b) mixing said sample with a PNA probe labeled with a detectable moiety, said PNA probe having a sequence complementary to at least a portion of said selected target

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BOX AC

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CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any documents referred to as enclosed herein, are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231 on this 3rd day of December, 1998.

Alison M. Higginbottom
Alison M. Higginbottom

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith is/are: Transmittal Form (1 pg.); Amendment and Reply (6 pgs.); return receipt postcard; all under Certificate of First Class Mailing under 37 CFR 1.8 dated December 3, 1998.



TRANSMITTAL FORM

Application Serial Number **08/726,093**

Filing Date **October 4, 1996**

First Named Inventor **Fuchs**

Group Art Unit **1634**

Examiner Name **Marschel, A.**

Attorney Docket No. **SYP-116**

ENCLOSURES (*check all that apply*)

- | | | |
|--|--|---|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553) | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Check Attached | <input type="checkbox"/> Formal Drawing(s) | <input type="checkbox"/> Appeal Communication to Group (<i>Appeal Notice, Brief, Reply Brief</i>) |
| <input type="checkbox"/> Copy of Fee Transmittal Form | <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition | <input type="checkbox"/> Status Letter |
| <input checked="" type="checkbox"/> Amendment/Response | <input type="checkbox"/> To Convert to a Provisional Application | <input checked="" type="checkbox"/> Return Receipt Postcard |
| <input checked="" type="checkbox"/> After Final | <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) | <input checked="" type="checkbox"/> Certificate of First Class Mailing Under 37 CFR 1.8 |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Terminal Disclaimer | <input type="checkbox"/> Additional Enclosure(s) (<i>please identify below</i>) |
| <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____] | <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application | |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Small Entity Statement | |
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CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator
Testa, Hurwitz & Thibeault, LLP
High Street Tower
125 High Street
Boston, MA 02110
Tel. No.: (617) 248-7000
Fax No.: (617) 248-7100

SIGNATURE BLOCK

Respectfully submitted,

Date: December 3, 1998
Reg. No. 43,321
Tel. No.: (617) 248-7634
Fax No.: (617) 248-7100

Isabelle A.S. Blundell, Ph.D.
Attorney for Applicants
Testa, Hurwitz & Thibeault, LLP
High Street Tower
125 High Street
Boston, MA 02110